

LONI Management Council Meeting

Ramu Ramachandran, Chair
Gabriel Fabeyiro, Chair-Elect
vacant, Secretary
Lonnie Leger, Executive Director


August 23, 2022



LMC Meeting

LMC Governance and Responsibility
along with a presentation on the LONI Service Portfolio

Agenda (1 to 2:30pm)

- 
- I. Call to Order/Roll Call
 - II. Secretary/Treasurer Report
 - III. LMC Chair Business
 - I. Council's Mission
 - II. Council's Goals and Objective
 - III. Council's Commitment
 - IV. Review of the Council bylaws
 - IV. LONI Executive Director
 - I. LONI Service Portfolio

Secretary Report

- No business





Chair Business

- a. Background
- b. Mission
- c. Goals and Objectives
- d. Commitment
- e. Bylaws

Background

- Shared thoughts from the Chair and Executive Director:
 - Concerns with low participation and officer nominations
 - Concern with minimal strategic engagement, advocacy, and support of LONI
- Questions:
 - What does an effective council look like?
 - How do we get there?
 - What will we ensure this success?
 - How is success measured?



LONI

Council's Mission

- What is the Council's response to its role given by Regents?
- What is the Council's strategic thinking on this topic?

Council's Goals and Objectives

- What are the Council's goals and objectives from its mission statement?



Council's Commitment

- How will the representatives of this Council hold themselves accountable?



Review of the Council bylaws

- Are their motions for discussion to improve or accurately reflect the current and strategic thinking of this body?

Review of the Council bylaws

- The Secretary/Treasurer officer position is not aligned with its current duties' expectation. The current financial references in the bylaws are leftovers from an era before Regents established an operations contract with LSU, whereby now the Executive Director is responsible for those duties

Review of the Council bylaws - Motion

- The Executive Director makes a motion to rename the Secretary/Treasurer officer position to only Secretary and removing any reference to financial matters associated with this position.
- Current wording
 - *The Secretary/Treasurer shall be responsible for maintaining the minutes of each Council meeting as prescribed in Article 4.10 and for giving a financial accounting of LONI as requested by the Chair or by five (5) or more Council members.*
- Proposed wording
 - *The Secretary shall be responsible for working with Regents staff, Officers, and Executive Director to coordinate the timely establishment and distribution of meeting minutes.*



Executive Director Report

a. Service Portfolio Presentation



LONI's Service Portfolio

Building Blocks

- 
- LONI is a managed service provider (MSP), not merely an Internet service provider.
 - As a managed service provider (MSP), LONI delivers services, such as network, application, infrastructure, and security, via ongoing and regular support and active administration on behalf of our members.

Building Blocks

- LONI's cost model is a hybrid pricing model built from an all-inclusive membership base component with add-on per-feature or tool pricing.
- The LMC approves the all-inclusive membership base component as a recommendation to the Commissioner of Higher Education.
- The LONI staff develops the add-on per-feature and tool pricing based on a consortium buy-in approach.

Reference Diagram

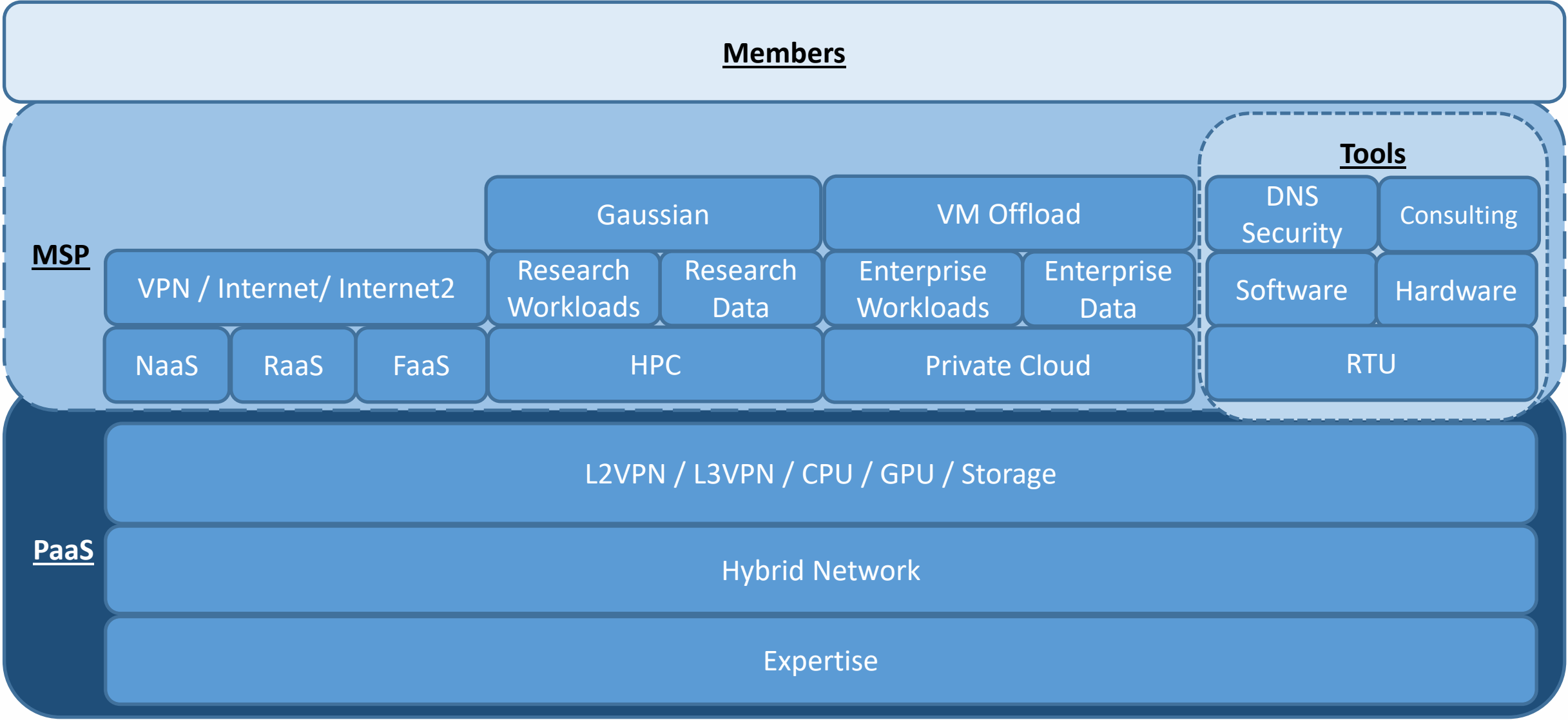
High-Level Structure

Members

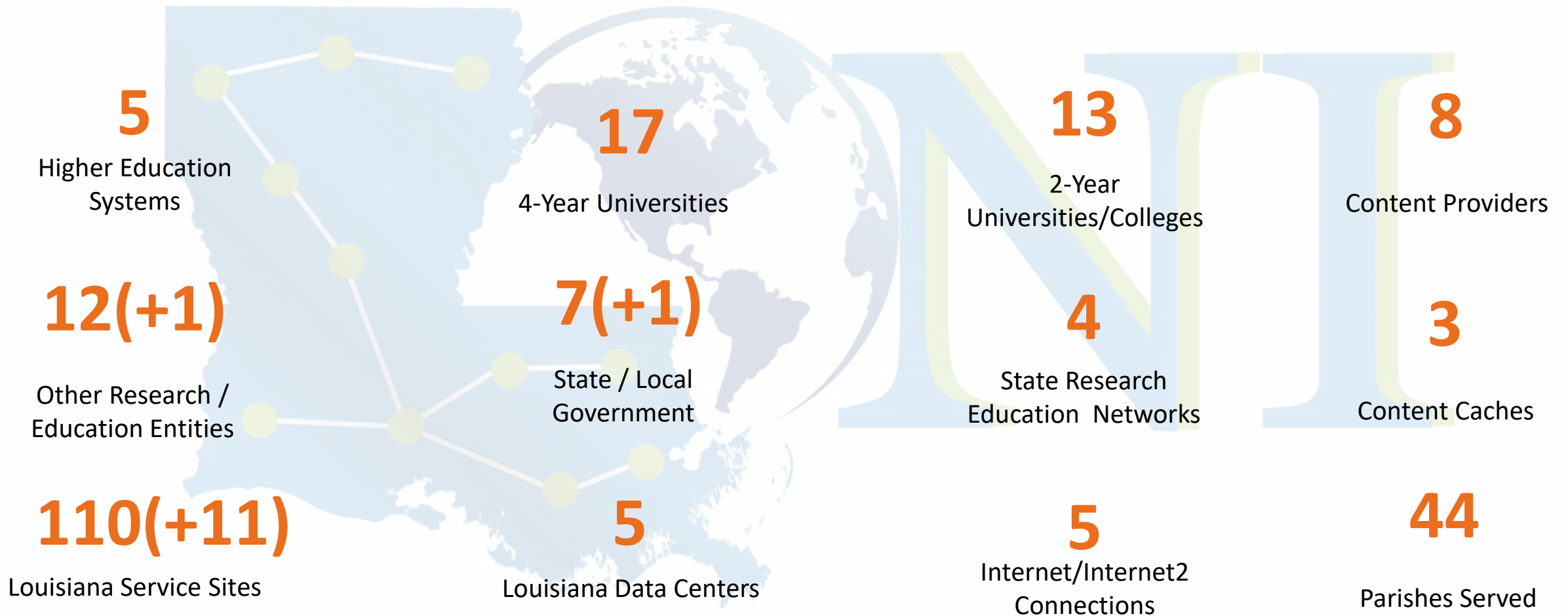
Managed Services

Tools

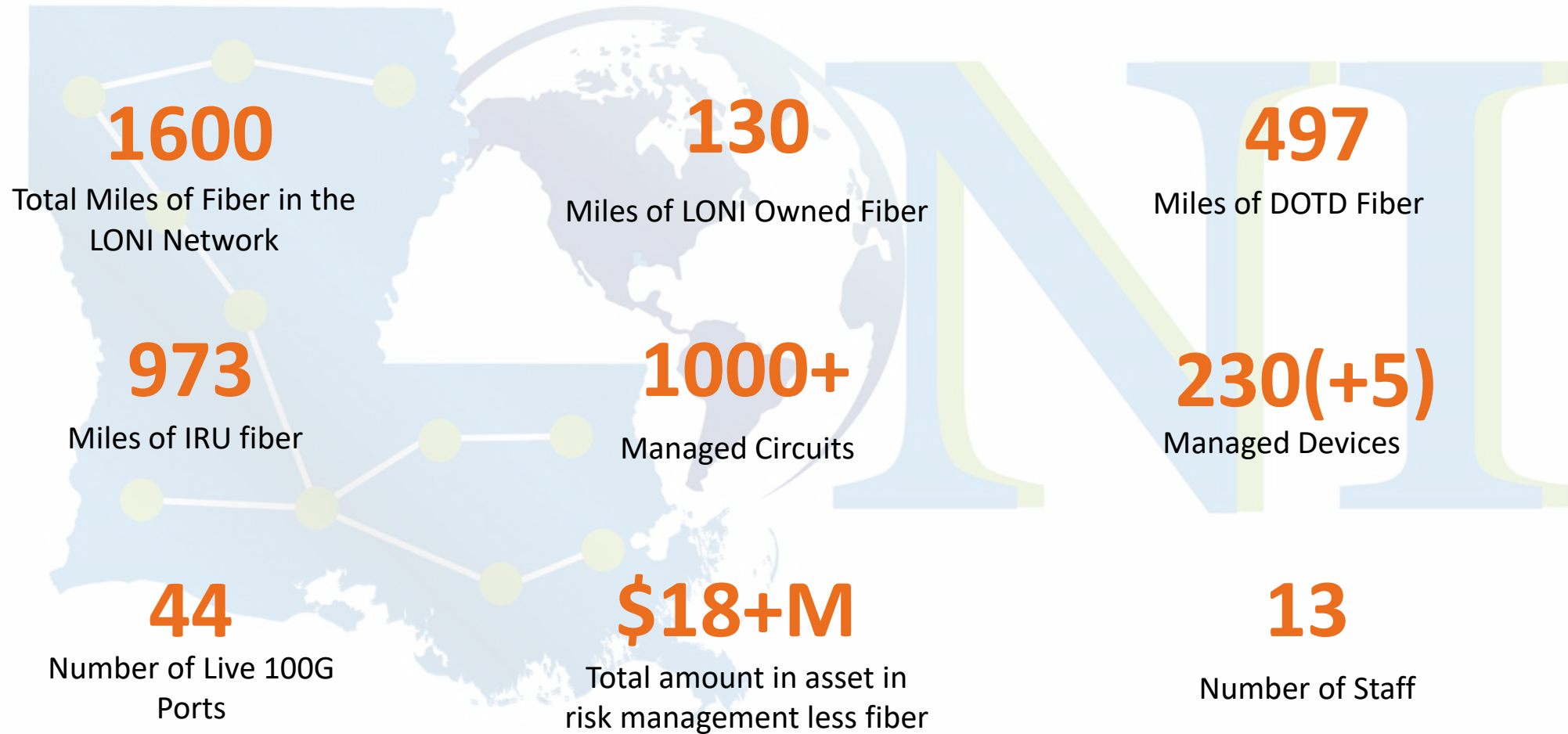
PaaS



Who is Connected to LONI



LONI Network Factoids



LONI HPC Factoids

151,793,280

Number of CPU Hours

1.961

Number of Petaflops in
LONI's main compute
node, QB2 +QB3

17,328

Number of Cores

578

Number of Compute
nodes

364

Number of GPU nodes

6

Number of BigData nodes

65,024

Total GB of memory

1.4

Total PB of storage

10(+4)

Number of Staff

Adjournment

- Motion to adjourn the meeting

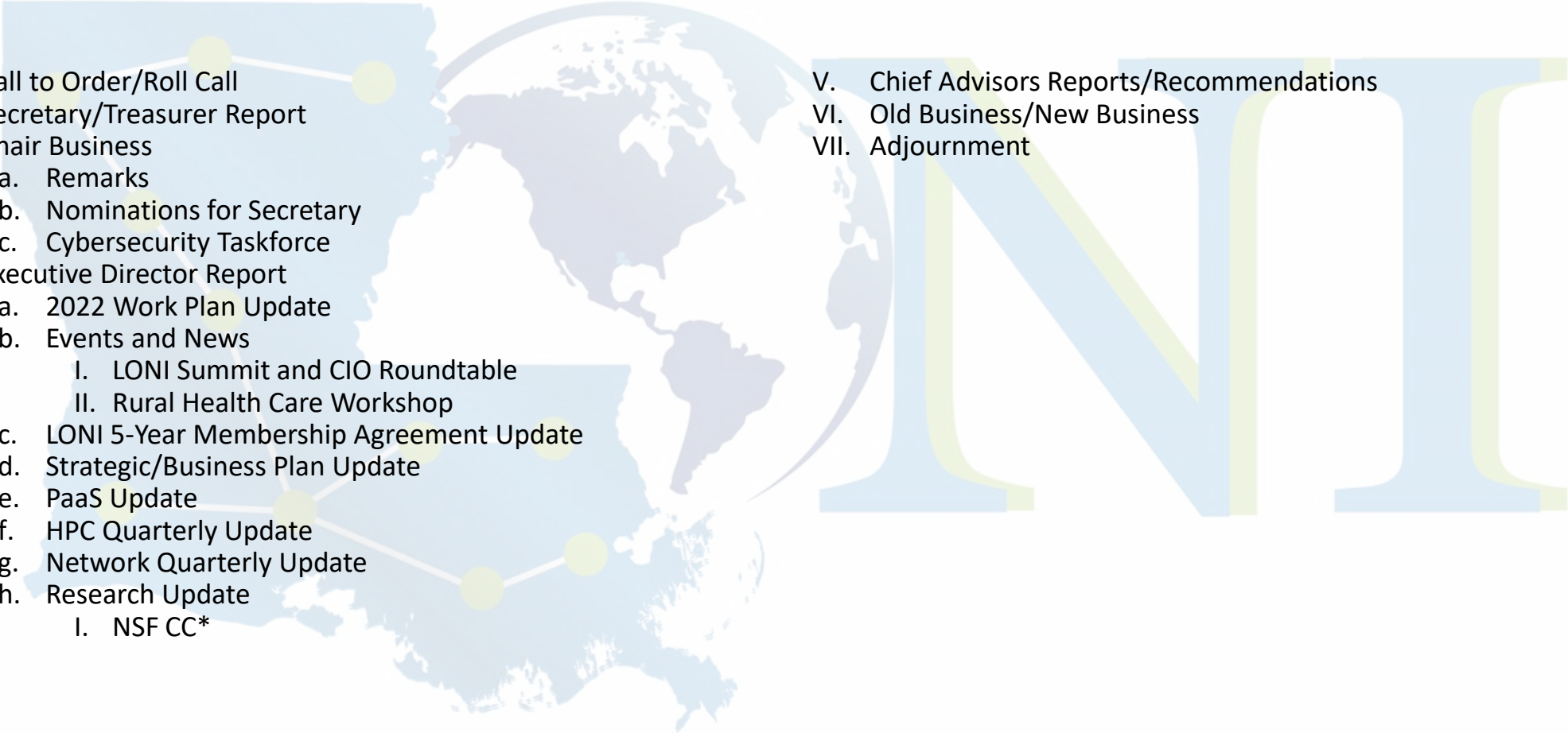




August Meeting

Regular Scheduled Meeting

Agenda (2:30 to 3:30pm)

- 
- I. Call to Order/Roll Call
 - II. Secretary/Treasurer Report
 - III. Chair Business
 - a. Remarks
 - b. Nominations for Secretary
 - c. Cybersecurity Taskforce
 - IV. Executive Director Report
 - a. 2022 Work Plan Update
 - b. Events and News
 - I. LONI Summit and CIO Roundtable
 - II. Rural Health Care Workshop
 - c. LONI 5-Year Membership Agreement Update
 - d. Strategic/Business Plan Update
 - e. PaaS Update
 - f. HPC Quarterly Update
 - g. Network Quarterly Update
 - h. Research Update
 - I. NSF CC*

- V. Chief Advisors Reports/Recommendations
- VI. Old Business/New Business
- VII. Adjournment

Secretary Report

- The February meeting minutes record is presented for approval.
 - Is there a motion to accept these minutes?
- The May meeting minutes will be presented for approval at our November 15th meeting.



Chair Business

- a. Remarks
- b. Nominations for Secretary
- c. Cybersecurity Taskforce

Chair Remarks

- The Executive Director continues working with Regents to issue requests to the appropriate chief administrative officers of the respective management boards, institutions, or other appropriate bodies to appoint an available representative to the LMC for a two-year term starting January 1, 2023. With this action, we seek to confirm half of the 18 seats in the LMC. Also, the Commissioner will ask to appoint the Chief Scientist, Technology, and Economic Advisor to the LMC for a two-year term.

Nominations for Secretary

- With Brad Masters's resignation from La Delta Community College, he can no longer fulfill his duties as a representative from LCTCS. The Council must fill the position to finish Brad's term ending 12/31/2022.

Cybersecurity Taskforce

- The Council approved the motion by the Executive Director to create an ad hoc taskforce within the membership of the LMC made up of the Chair, Executive Director, Craig Woolley, Gene Fields, Gabriel Fagbeyiro, Eric Setz, and Dickie Howze to present a governance framework at the next meeting in August.
- The Taskforce identified the need to create a new advisor within the Council to be known as the Cybersecurity Advisor.
- The Cybersecurity Advisor will be the Council's liaison to its Network Security Working Group. The Advisor will advocate for industry-best and good cybersecurity practices within LONI's ecosystem and collaborate with the Executive Director on service offerings and tools to enhance LONI's security posture and among its members.

Cybersecurity Taskforce - Motion

- The Executive Director makes a motion on behalf of the taskforce that the Council recommends to the Commissioner of Higher Education to create a new advisor role within the Council to be known as the Cybersecurity Advisor.



Cybersecurity Taskforce - Motions

- The Executive Director makes a motion on behalf of the taskforce to present the nomination of Craig Woolley, CIO at LSU A&M, as the Council's New Cybersecurity Advisor.
- Craig Woolley makes a motion requesting that the Executive Director establish a cybersecurity framework within LONI to offer a managed service portfolio to its members, including but not limited to a Security Operations Center (SOC).

Executive Director Report

a. 2022 Work Plan Update

b. Events and News

I. LONI Summit and CIO Roundtable

II. Rural Health Care Workshop

c. LONI 5-Year Membership Agreement Update

d. Strategic/Business Plan Update

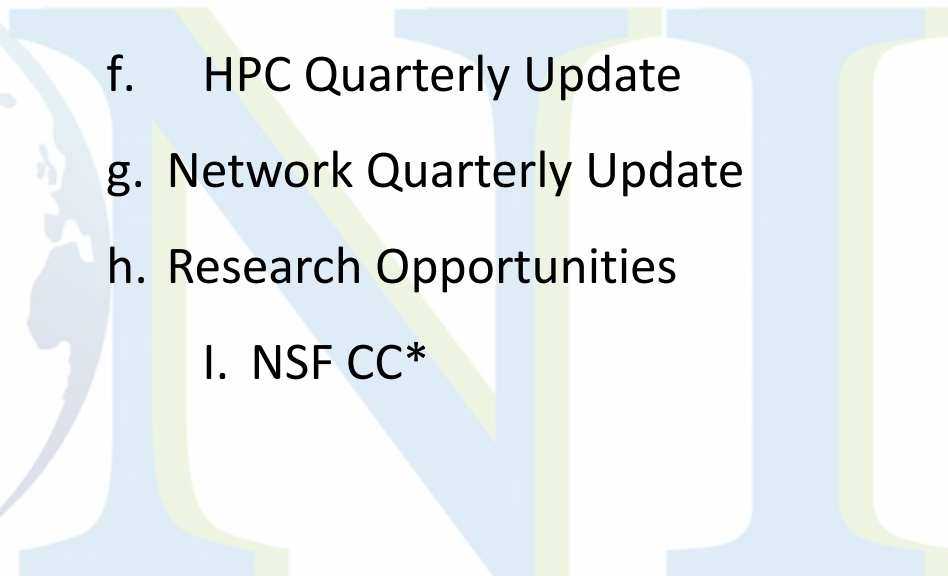
e. PaaS Update

f. HPC Quarterly Update

g. Network Quarterly Update

h. Research Opportunities

I. NSF CC*

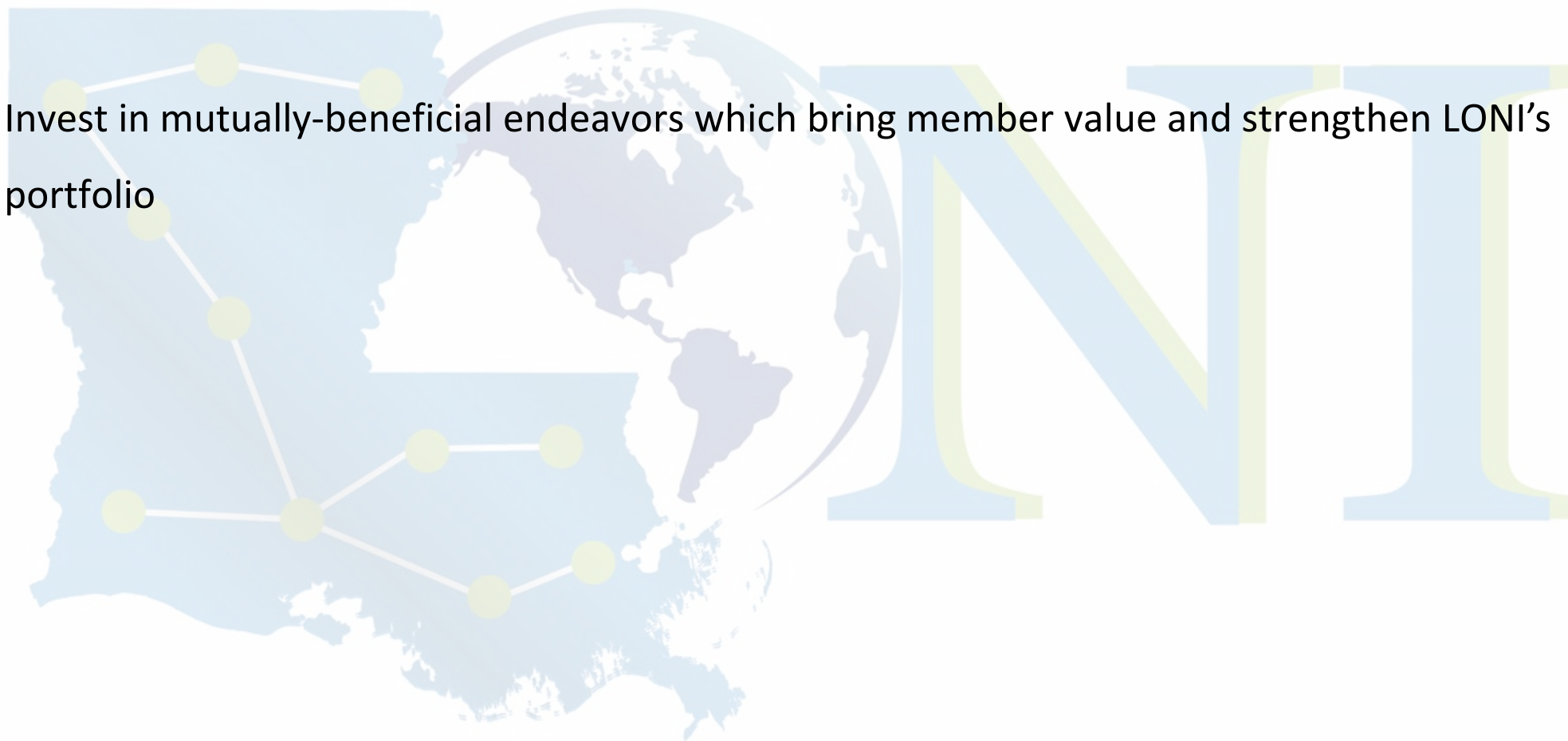


2022 Work Plan Progress

1. Participate in the FCC Rural Health Care Program (RHC)
 - The LONI Staff hosted a workshop in the first week of August to review the process and advocate that LONI members should, at a minimum, determine their eligibility in the program, followed by their application with UAMS. We are asking all our members to target the return of the UAMS questionnaire and letter of agency (LOA) by Friday, October 7, 2022.

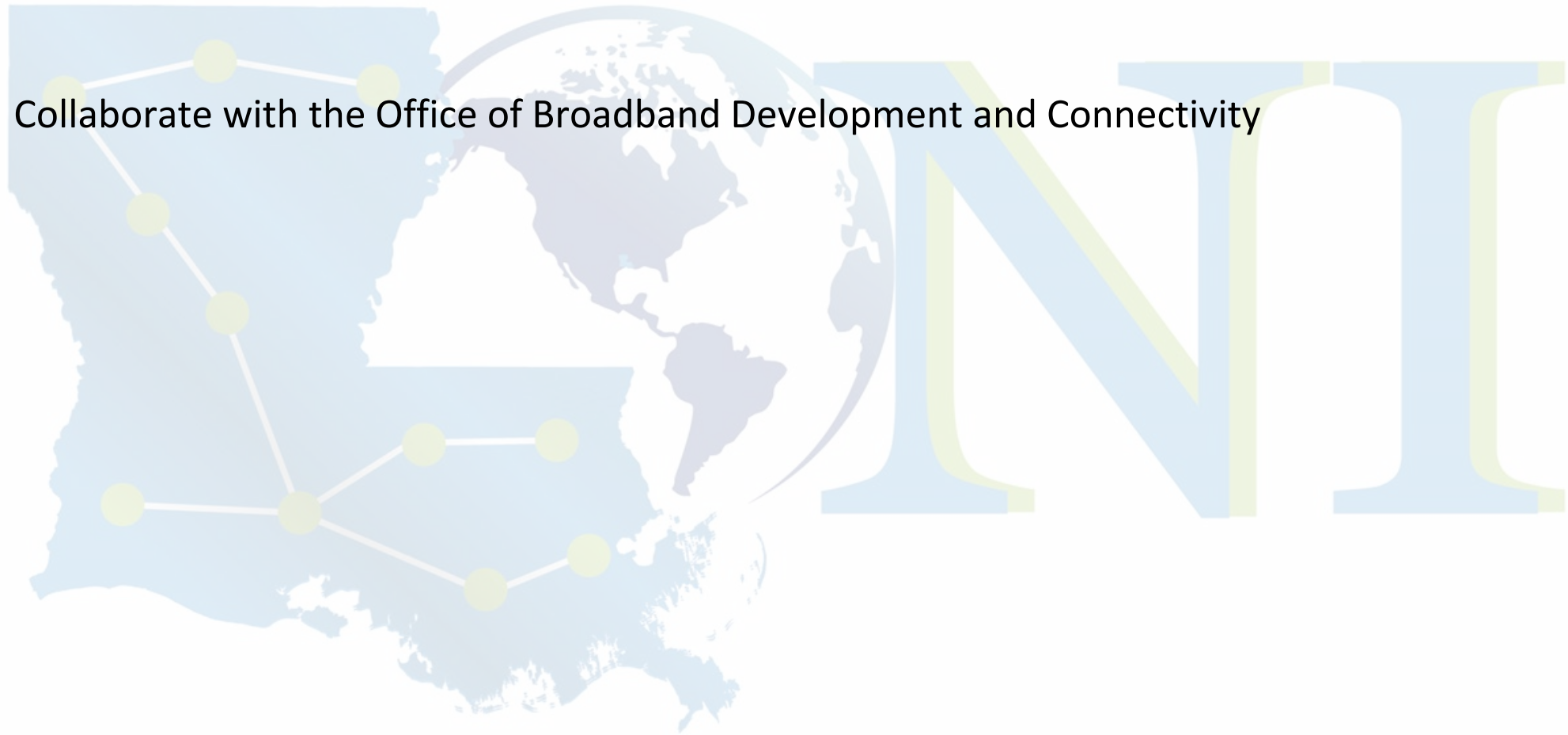
2022 Work Plan Progress

2. Invest in mutually-beneficial endeavors which bring member value and strengthen LONI's portfolio



2022 Work Plan Progress

3. Collaborate with the Office of Broadband Development and Connectivity

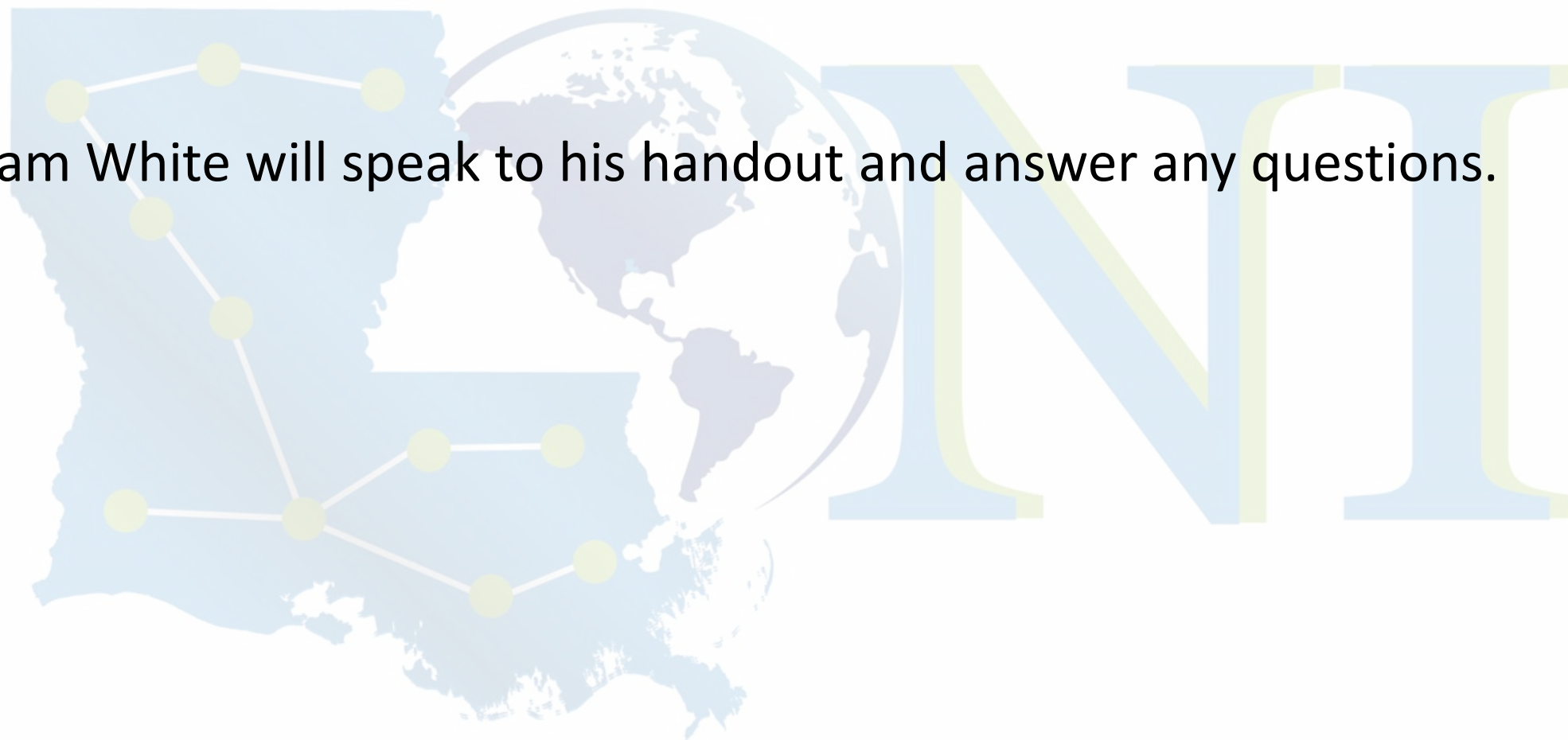


News and Events

- C-Star Roundtable Call
- LONI hosted a Rural Health Care Workshop on August 4th.
- Community call on Friday, August 26th at 9am
- Monthly community-wide call on Trending Topics typically of unstructured time to ask questions, raise concerns
- Regular working group conversations on network services and network security

HPC Quarterly Update

- Sam White will speak to his handout and answer any questions.



Service Design and Projects Quarterly Update

Gary Mumphrey will speak to his Service Design and Project slides and answer any questions.



Project Status Updates (Project Name: Status)

- NGI: Service Design and Service Transition Planning
 - Optical Backbone Troubleshooting ongoing with manufacturer resulting in a necessary transition approach re-design to accommodate the out-of-band management network
 - Deployment, Commissioning, and Service Transition will be delayed because of this re-work (updated timelines will be provided once re-design is completed)
- Phase-3 Fiber Construction: Cost Assessment
 - LSU will open the ITB on September 8th for LONI staff to begin evaluating responses
- New Orleans 10G Ethernet Ring: Service Transition
 - The 20Gbps capacity ring has been established at this time.

Research Opportunities

- The LONI Staff successfully submitted a proposal to the NSF CC* (Campus Cyberinfrastructure) Track 2 – Regional Computing for an “interesting” virtualization technique. More to follow pending an award.

Research Opportunities

- NSF TIP (Technology, Innovation and Partnerships) proposal due in 2023
 - Advance science and engineering research and innovation leading to breakthrough technologies as well as solutions to national and societal challenges, sustaining and enhancing U.S. competitiveness on a global stage
 - Accelerate the translation of fundamental discoveries from lab to market, strengthening the U.S. economy
 - Create education pathways for every American to pursue new, high-wage jobs, supporting a diverse workforce of researchers, practitioners, and entrepreneurs.
 - “Researchers to Practitioners” – “University to Community College”
 - Type 1 – Awards estimated at \$1M over 2 years
 - Type 2 – Awards estimated at \$160M over 10 years

Personnel Changes

- LONI Security Engineer:
 - Brad Masters, formerly the CIO at Louisiana Delta Community College, began his role with LONI on August 1st.

Closing Remarks

- I would like to express my appreciation for the comments made by some of the attendees at the last Trending Topics call. Their comments were excellent feedback on the value of our ecosystem and our strategic goal to create a trusted forum where leadership and staff from members and partners associate and engage with one another.



Chief Advisors Reports/Recommendations

Chief Scientist Topics

- Ram Ramanujam will present any relevant information



Chief Technology Advisor Topics

- Gene Fields will present any relevant information



Chief Economic Development Advisor Topics

- Paul Helton will present any relevant information





Old Business/New Business

2022 Meeting Schedule

- Tuesday, November 15, 2022, 1:30-2:30pm



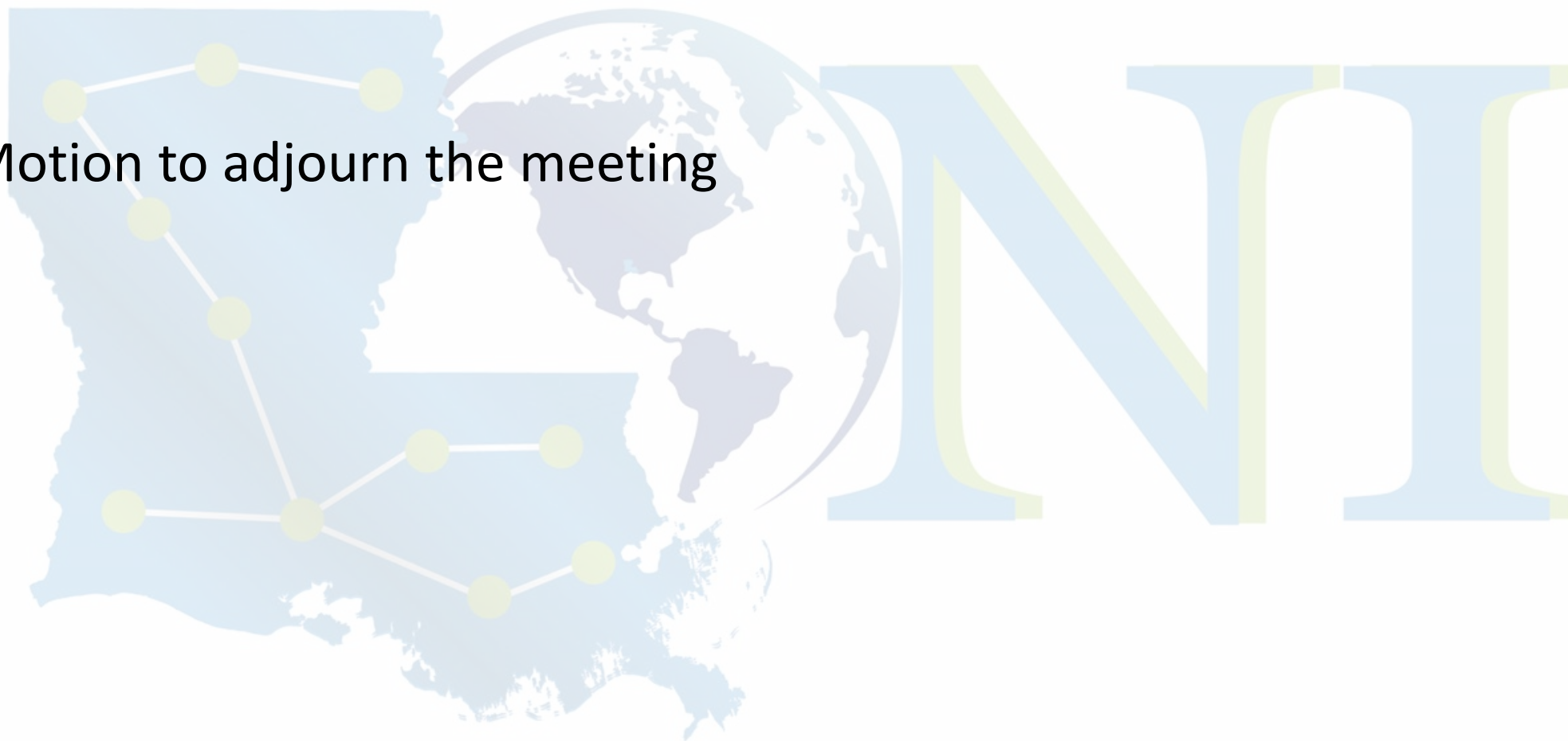
2023 Meeting Schedule

- Tuesday, February 14, 2023, 1:30-2:30pm
- Tuesday, May 16, 2023, 1:30-2:30pm
- Tuesday, August 22, 2023, 1:30-2:30pm
- Tuesday, November 14, 2023, 1:30-2:30pm



Adjournment

- Motion to adjourn the meeting



Contact Us

www.loni.org

Follow us on Twitter: @LONI_LSU

Follow the NOC on Twitter: @LONI_NOC

Follow us on LinkedIn: Louisiana Optical Network Infrastructure